Title: IMAGE FORMING APPARATUS AND METHOD FOR INPUTTING ENCRYPTION KEY SETTING Inventor(s): Hironobu MACHIDA et al. DOCKET NO.: 036741-0130

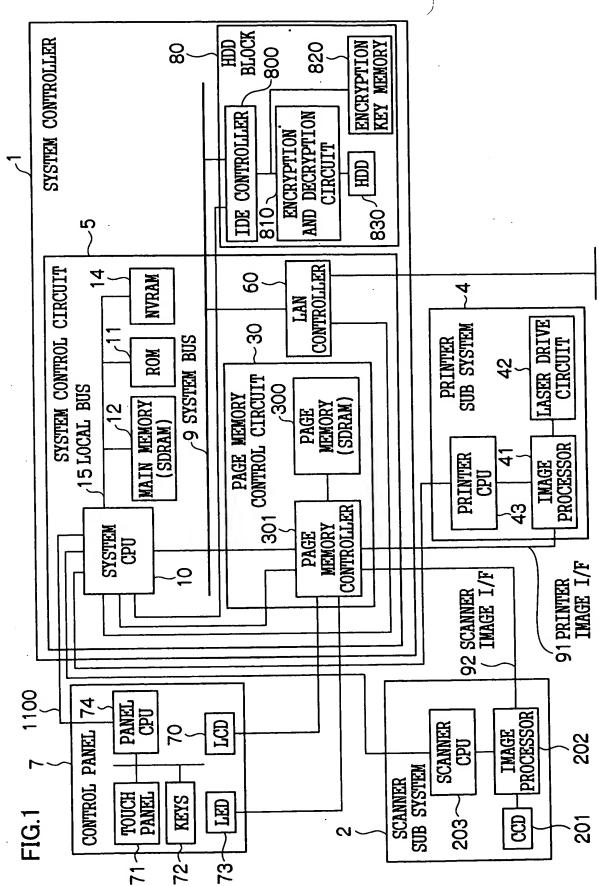


FIG.2

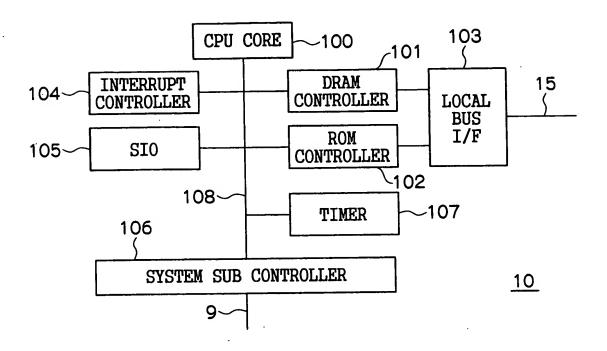
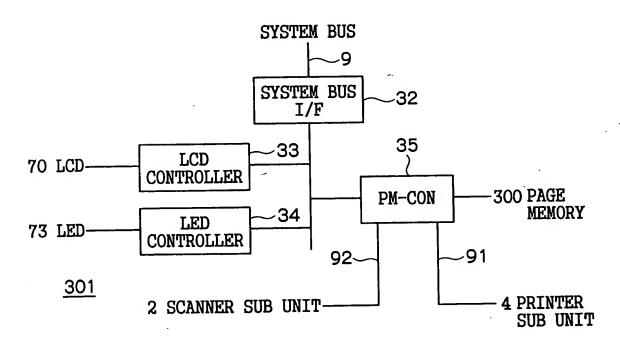
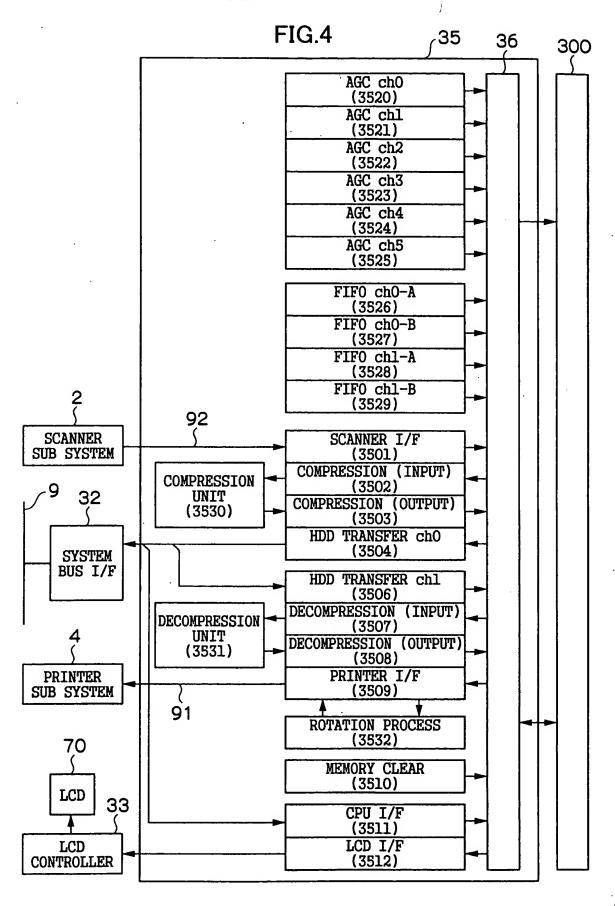


FIG.3





CONTROLLER

田

PAGE MEMORY (PM)

SYSTEM

STUB

图

TOUCH

KEY

M/H

PANEL

PRINTER

SCANNER

LAN

BOOT SELF-DIAGNOSIS APPLICATION LAN DRIVER IDE DRIVER SYSTEM PRINTING APPLICATION LAN PRINTER FILE PM DRIVER PRINTER DRIVER ENGINE CONTROLLER COPYING APPLICATION MAIN TASK SCAN DRIVER 吕 SYSTEM LED DRIVER COPY WINDOWS KEY SCAN DRIVER MACHINE APPLICATION LAYER LIBRARY LAYER DRIVER LAYER

## FIG.6

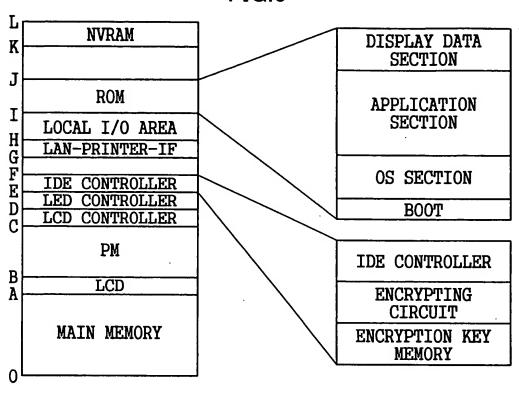


FIG.7

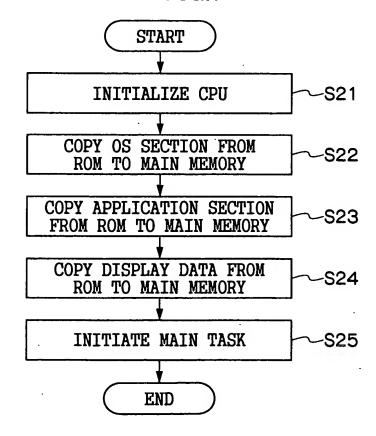


FIG.8

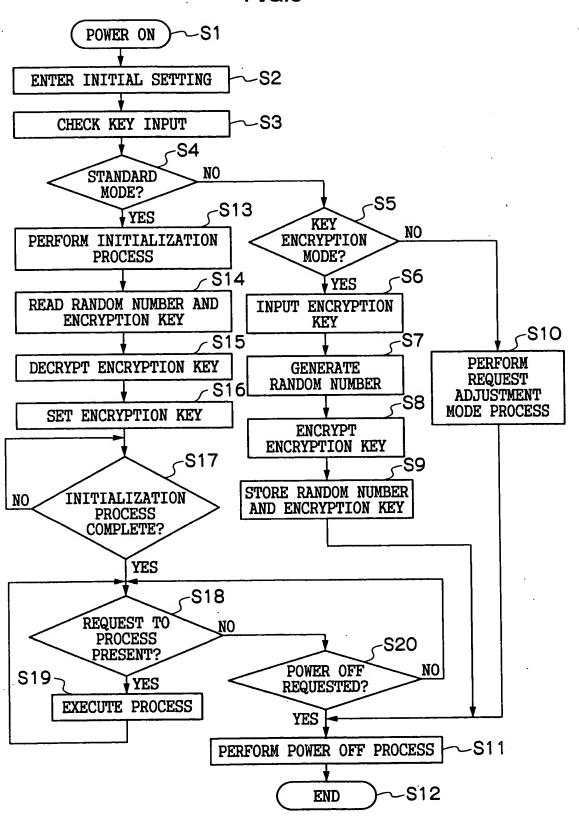
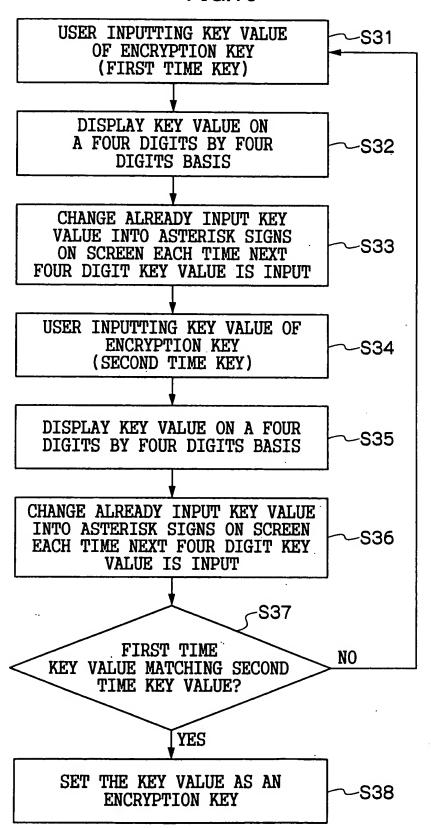


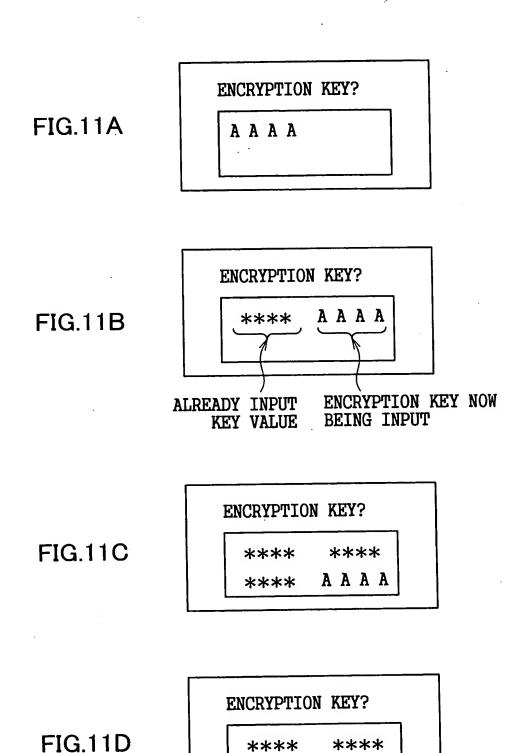
FIG.9 ∼S1 POWER ON ∽S2 ENTER INITIAL SETTING -S3 CHECK KEY INPUT **S4** NO STANDARD MODE? -S91 S13 **¥YES** NO COMPRESSION PERFORM INITIALIZATION **PROCESS** MODE? **-**S92 S95 YES PERFORM DECOMPRESSION INPUT ENCRYPTION **PROCESS** KEY -S10 **-**S93 · S15 PERFORM DECRYPT ENCRYPTION KEY COMPRESS REQUEST **ENCRYPTION KEY** -S16 ADJUSTMENT MODE PROCESS SET ENCRYPTION KEY ~S94 -S17 STORE COMPRESSED ENCRYPTION KEY INITIALIZATION NO **PROCESS** COMPLETE? YES S18 REQUEST TO NO **PROCESS** ·S20 PRESENT? NO POWER OFF S19 YES REQUESTED? EXECUTE PROCESS YES PERFORM POWER OFF PROCESS տՏ11 -S12

**END** 

## **FIG.10**



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